CERTIFICATE OF MAILING OR TRANSMISSION

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Name (Print/Type)	Suzanne M. Cotugno	Fax # (if faxed)	
Signature	Sugara M. Catagra	Date	10 DEC.01

Practitioner's Docket No. 106287

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of

DAVID A. LOMAS

Art Unit: 1764

Serial No. 09/944,511

Filed: August 31, 2001

PROCESS FOR UPGRADING
FCC PRODUCT WITH ADDITIONAL
REACTOR

Art Unit: 1764

ARECEIVED

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TRANSMITTAL OF INFORMATION DISCLOSURE STATEMENT WITHIN THREE MONTHS OF FILING OR BEFORE MAILING OF FIRST OFFICE ACTION (37 C.F.R. § 1.97(b))

Assistant Commissioner for Patents Washington, D.C. 20231

Sir:

The information disclosure statement transmitted herewith is being filed within three months of the filing date of the application or date of entry into the national stage of an international application or before the mailing date of a first Office action on the merits, whichever event occurs last. 37 C.F.R. § 1.97(b).

The Zhang et al. patent discloses cracking gasoline feedstock in a riser reactor, separating the cracked feedstock and recycling portions thereof back to

olefins, sulfur and nitrogen concentrations in gasoline. Preheated gasoline is contacted with catalyst having no more than 2.0 wt-% carbon deposition and a temperature of below 600°C. The gasoline product has an olefin content reduced

to below 20 wt-% and sulfur and nitrogen contents are also reduced. The figures and parts of the tables in this reference include translated English notations on the face of the reference. Additionally, the claims have been translated into English for descriptive purposes.

The Xu et al. publication from *Petroleum Processing and Petrochemicals* discloses reacting gasoline over an FCC spent catalyst to obtain a reduction in olefin concentration of 12 wt-% and an increase in isoparaffin and aromatics concentration by 6%. Translated English notations are made on pages 2-4 of this reference as well.

Respectfully submitted,

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JCP/gm

FORM PTO-1449 U.S. DEPARTMENT OF COMMERCE (Rev 2-32) PATENT AND TRADEMARK OFFICE	ATTY DOCKET NO: 106287	SERIAL NO
O I P INFORMATION DISCLOSURE STATEMENT BY APPLICANT	APPLICANT: David A. Lomas	
Se several sheets if necessary)	FILING DATE:	GROUP ART UNIT.
	August 31, 2001	1764

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A	DOCUMENT NUMBER US 2,550,290 B1	DATE	NAME	CLASS	SUBCLASS	FILING DATE
	US 2.550.290 B1		L	1 1	3000000	IF APPROPRIATE
_		04/51	Pelzer et al.	196	052	06/27/47
В	US 2,921,014 B1	01/60	Marshall	208	074	05/16/56
С	US 2,956,003 B1	10/60	Marshall et al.	208	074	05/20/59
D	US 4,806,230 B1	02/89	Salusinszky	208	064	11/25/86
E	US 5,171,425 B1	12/92	Muller	208	208R	05/24/91
F	US 5,401,387 B1	03/95	Harandi et al.	208		08/03/93
G	US 5,482,617 B1	01/96	Collins et al.	208	227	08/08/94
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	D E	US 4,806,230 B1 E US 5,171,425 B1 F US 5,401,387 B1	US 4,806,230 B1 02/89 US 5,171,425 B1 12/92 US 5,401,387 B1 03/95	US 4,806,230 B1 02/89 Salusinszky US 5,171,425 B1 12/92 Muller US 5,401,387 B1 03/95 Harandi et al.	US 4,806,230 B1	US 4,806,230 B1 02/89 Salusinszky 208 064 US 5,171,425 B1 12/92 Muller 208 208R US 5,401,387 B1 03/95 Harandi et al. 208 074 US 5,482,617 B1 01/96 Collins et al. 208 227

FOREIGN PATENT DOCUMENTS

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		DOCUMENT NUMBER	DATE COUNTRY		NAME	CLASS	SUBCLASS	TRANSLATION			
ļ	<u> </u>							YES	NO		
ļ	Н	EP 1 046 696 A2	10/00	EPO	Xu et al.	C10G		Х			
		WO 01/00750 A1	01/01	PCT	Zhang et al.			X (Abstract)			
	J	WO 01/00751 A1	01/01	PCT	Xu et al.			X (Abstract)			

		OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)
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	κ	Article "A Modified FCC Process MIP for Maximizing Iso-Paraffins in Cracked Naphtha" by

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